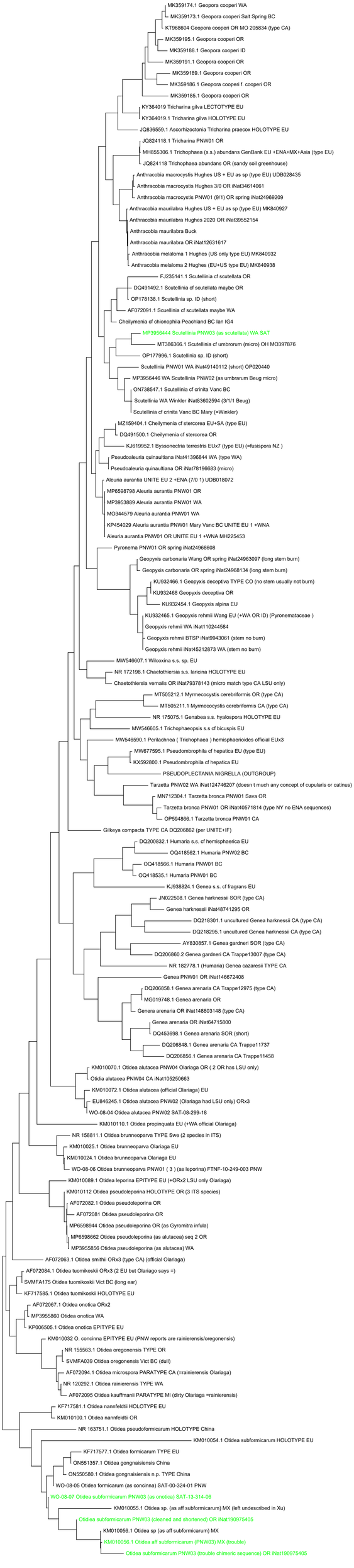
MK359174.1 Geopora cooperi WA
MK359173.1 Geopora cooperi Salt Spring BC
KT968604 Geopora cooperi OR MO 205834 (type CA)
MK359195.1 Geopora cooperi OR
MK359188.1 Geopora cooperi ID
MK359191.1 Geopora cooperi OR
MK359189.1 Geopora cooperi OR
MK359186.1 Geopora cooperi f. cooperi OR
MK359185.1 Geopora cooperi OR
KY364019 Tricharina gilva LECTOTYPE EU
KY364019.1 Tricharina gilva HOLOTYPE EU
JQ836559.1 Ascorhizoctonia Tricharina praecox HOLOTYPE EU
JQ824118.1 Tricharina PNW01 OR
MH855306.1 Trichophaea (s.s.) abundans GenBank EU +ENA+MX+Asia (type EU)
JQ824118 Trichophaea abundans OR (sandy soil greenhouse)
Anthracobia macrocystis Hughes US + EU as sp (type EU) UDB028435
Anthracobia macrocystis Hughes 3/0 OR iNat34614061
Anthracobia macrocystis PNW01 (9/1) OR spring iNat24969209
Anthracobia maurilabra Hughes US + EU as sp (type EU) MK840927
Anthracobia maurilabra Hughes 2020 OR iNat39552154
Anthracobia maurilabra Buck
Anthracobia maurilabra OR iNat12631617
Anthracobia melaloma 1 Hughes (US only type EU) MK840932
Anthracobia melaloma 2 Hughes (EU+US type EU) MK840938
FJ235141.1 Scutellinia cf scutellata OR
DQ491492.1 Scutellinia cf scutellata maybe OR
OP178138.1 Scutellinia sp. ID (short)
AF072091.1 Scuellinia cf scutellata maybe WA
Cheilymenia cf chionophila Peachland BC Ian IG4
MP3956444 Scutellinia PNW03 (as scutellata) WA SAT
MT386366.1 Scutellinia cf umbrorum (micro) OH MO397876
OP177996.1 Scutellinia sp. ID (short)
Scutellinia PNW01 WA iNat49140112 (short) OP020440
MP3956446 WA Scutellinia PNW02 (as umbrarum Beug micro)
ON738547.1 Scutellinia cf crinita Vanc BC
Scutellinia WA Winkler iNat83602594 (3/1/1 Beug)
Scutellinia cf crinita Vanc BC Mary (=Winkler)
MZ159404.1 Cheilymenia cf stercorea EU+SA (type EU)
DQ491500.1 Cheilymenia cf stercorea OR
KJ619952.1 Byssonectria terrestris EUx7 (type EU) (=fusispora NZ)
Pseudoaleuria quinaultiana iNat41396844 WA (type WA)
Pseudoaleuria quinaultiana OR iNat78196683 (micro)
Aleuria aurantia UNITE EU 2 +ENA (7/0 1) UDB018072
MP6598798 Aleuria aurantia PNW01 OR
MP3953889 Aleuria aurantia PNW01 WA
MO344579 Aleuria aurantia PNW01 WA
KP454029 Aleuria aurantia PNW01 Mary Vanc BC UNITE EU 1 +WNA
Aleuria aurantia PNW01 OR UNITE EU 1 +WNA MH225453
Pyronema PNW01 OR spring iNat24968608
Geopyxis carbonaria Wang OR spring iNat24963097 (long stem burn)
Geopyxis carbonaria OR spring iNat24968134 (long stem burn)
KU932466.1 Geopyxis deceptiva TYPE CO (no stem usually not burn)
KU932468 Geopyxis deceptiva OR
KU932454.1 Geopyxis alpina EU
KU932465.1 Geopyxis rehmii Wang EU (+WA OR ID) (Pyronemataceae)
Geopyxis rehmii WA iNat110244584
Geopyxis rehmii BTSP iNat9943061 (stem no burn)
Geopyxis rehmii iNat45212873 WA (stem no burn)
MW546607.1 Wilcoxina s.s. sp. EU
NR 172198.1 Chaetothiersia s.s. laricina HOLOTYPE EU
Chaetothiersia vernalis OR iNat79378143 (micro match type CA LSU only)
MT505212.1 Myrmecocystis cerebriformis OR (type CA)
MT505211.1 Myrmecocystis cerebriformis CA (type CA)
NR 175075.1 Genabea s.s. hyalospora HOLOTYPE EU
MW546605.1 Trichophaeopsis s.s cf bicuspis EU
MW546590.1 Perilachnea (Trichophaea) hemisphaerioides official EUx3
MW677595.1 Pseudombrophila cf hepatica EU (type EU)
KX592800.1 Pseudombrophila cf hepatica EU
PSEUDOPLECTANIA NIGRELLA (OUTGROUP)
Tarzetta PNW02 WA iNat124746207 (doesn t much any concept of cupularis or catinus)
MN712304.1 Tarzetta bronca PNW01 Sava OR
Tarzetta bronca PNW01 OR iNat40571814 (type NY no ENA sequences)
OP594866.1 Tarzetta bronca PNW01 CA
Gilkeya compacta TYPE CA DQ206862 (per UNITE+IF)
DQ200832.1 Humaria s.s. cf hemisphaerica EU
OQ418562.1 Humaria PNW02 BC
OQ418566.1 Humaria PNW01 BC
OQ418535.1 Humaria PNW01 BC
KJ938824.1 Genea s.s. cf fragrans EU
JN022508.1 Genea harknessii SOR (type CA)
Genea harknessii iNat48741295 OR
DQ218301.1 uncultured Genea harknessii CA (type CA)
DQ218295.1 uncultured Genea harknessii CA (type CA)
AY830857.1 Genea gardneri SOR (type CA)
DQ206860.2 Genea gardneri CA Trappe13007 (type CA)
NR 182778.1 (Humaria) Genea cazaresii TYPE CA
Genea PNW01 OR iNat146672408
DQ206858.1 Genea arenaria CA Trappe12975 (type CA)
MG019748.1 Genea arenaria OR
Genera arenaria OR iNat148803148 (type CA)
Genea arenaria OR iNat64715800
DQ453698.1 Genea arenaria SOR (short)
DQ206848.1 Genea arenaria CA Trappe11737
DQ206856.1 Genea arenaria CA Trappe11458
KM010070.1 Otidea alutacea PNW04 Olariaga OR (2 OR has LSU only)
Otidia alutacea PNW04 CA iNat105250663
KM010072.1 Otidea alutacea (official Olariaga) EU
EU846245.1 Otidea alutacea PNW02 (Olariaga had LSU only) ORx3
WO-08-04 Otidea alutacea PNW02 SAT-08-299-18
KM010110.1 Otidea propinquata EU (+WA official Olariaga)
NR 158811.1 Otidea brunneoparva TYPE Swe (2 species in ITS)
KM010025.1 Otidea brunneoparva Olariaga EU
KM010024.1 Otidea brunneoparva Olariaga EU
WO-08-06 Otidea brunneoparva PNW01 (3) (as leporina) FTNF-10-249-003 PNW
KM010089.1 Otidea leporina EPITYPE EU (+ORx2 LSU only Olariaga)
KM010112 Otidea pseudoleporina HOLOTYPE OR (3 ITS species)
AF072082.1 Otidea pseudoleporina OR
AF072081 Otidea pseudoleporina OR
MP6598944 Otidea pseudoleporina OR (as Gyromitra infula)
MP6598662 Otidea pseudoleporina (as alutacea) seq 2 OR
MP3955856 Otidea pseudoleporina (as alutacea) WA
AF072063.1 Otidea smithii ORx3 (type CA) (official Olariaga)
AF072084.1 Otidea tuomikoskii ORx3 (2 EU but Olariago says =)
SVMFA175 Otidea tuomikoskii Vict BC (long ear)
KF717585.1 Otidea tuomikoskii HOLOTYPE EU
AF072067.1 Otidea onotica ORx2
MP3955860 Otidea onotica WA
KP006505.1 Otidea onotica EPITYPE EU
KM010032 O. concinna EPITYPE EU (PNW reports are rainierensis/oregonensis)
NR 155563.1 Otidea oregonensis TYPE OR
SVMFA039 Otidea oregonensis Vict BC (dull)
AF072094.1 Otidea microspora PARATYPE CA (=rainierensis Olariaga)
NR 120292.1 Otidea rainierensis TYPE WA
AF072095 Otidea kauffmanii PARATYPE MI (dirty Olariaga =rainierensis)
KF717581.1 Otidea nannfeldtii HOLOTYPE EU
KM010100.1 Otidea nannfeldtii OR
NR 163751.1 Otidea pseudoformicarum HOLOTYPE China
KM010054.1 Otidea subformicarum HOLOTYPE EU
KF717577.1 Otidea formicarum TYPE EU
ON551357.1 Otidea gongnaisiensis China
ON550580.1 Otidea gongnaisiensis n.p. TYPE China
WO-08-05 Otidea formicarum (as concinna) SAT-00-324-01 PNW
WO-08-07 Otidea subformicarum PNW03 (as onotica) SAT-13-314-06
KM010055.1 Otidea sp. (as aff subformicarum) MX (left undescribed in Xu)
Otidiea subformicarum PNW03 (cleaned and shortened) OR iNat190975405
KM010056.1 Otidea sp (as aff subformicarum) MX
KM010056.1 Otidea aff subformicarum (PNW03) MX (trouble)
Otidea subformicarum PNW03 (trouble chimeric sequence) OR iNat190975405
0.20